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Declass Review by NGA.

20 June 1967
9618-12-67
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[Redacted]
P.O. Box 8043
Southwest Station
Washington, D. C. 20024

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Subject: [Redacted] Monthly Report, May 31, 1967

Gentlemen:

Enclosed herewith are two (2) copies of the third monthly report for this project (9618), prepared in accordance with the requirements of Specification DB-1001.

Please note Paragraph 4.0, Unresolved Contractual Problems.

Three copies (3) of the report are being forwarded directly to the Technical Representative.

Very truly yours,

[Redacted]

Contracts Manager

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cc: Technical Representative

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[Redacted]

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PHOTO INTERPRETATION RAPID COPY VIEWER/PRINTER

THIRD MONTHLY REPORT

DATE TO: May 31, 1967

1.0 Activity During Reporting Period

MECHANICAL

The lens turret assembly has been released for procurement. A preliminary layout was made of the cabinet frame. Work will continue on the frame as each sub-assembly design area is complete. Early release of the frame is necessary because of its long delivery time. The condenser assembly and the condenser drive are now in design detailing. The film transport, film drive and film chip drive are also in design detailing.

OPTICAL

The condenser lenses design is complete. The mirrors have been specified and have been ordered. The only remaining optical area is the finalizing of the photometry for view and printing illumination. A Kodak photo-electric exposure-time meter is being investigated as the most probable unit for automatic exposure control. As per the proposal and the contract there is no capability for image rotation.

ELECTRICAL

The circuit drawings are being prepared. Parts lists have been formulated and parts are being procured. The film drive scheme is being investigated to determine motors, torques and linear film speeds. A main functional schematic has been prepared showing all the electrical performance functions necessary for the viewer and printer-processor and their interface.

PRINTER-PROCESSOR

Design detailing and release for procurement is continuing. Laboratory work is being performed on photographic material sensitometry. The cutting knife and metering assembly have been received from IBP. Drawings are 75% complete. DTR process samples of improved receptor sheet and transfer solution have been received.

2.0 Planned Activity for Next Reporting Period

MECHANICAL

Continuation of design layout and detailing. All main sub-assemblies will be design engineered and in design detailing. Parts to be released for procurement as soon as a sub-assembly is completed.

OPTICAL

Completion of photometry light levels and ordering of the photo-electric exposure meter. This unit will be designed into the main viewing console for an off-axis reflection view of the entire 20x20 exposure platen. Condenser lenses to be released for procurement.

ELECTRICAL

Circuits to be finalized with all parts being released.

PRINTER-PROCESSOR

Continue detailing of printer-processor with release of all finished items. Continue laboratory sensitometry effort. Possible start of printer-processor assembly.

3.0 Unresolved Technical Problems

3.1 Exposure cycle details and exposure time duration.

3.2 ☐ awaiting written comments on previous progress report.

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4.0 Unresolved Contractual Problems

4.1 ☐ awaiting written comments on item (6) of previous progress report.

5.0 Oral Agreements or Understandings (Between contracting representative and Project Manager)

5.1 The fine focus is motorized with linear (vertical) velocity reduced by a factor of 2 over AM-4 design.

6.0 Oral Agreement or Understanding Requiring Approval

6.1 See previous monthly report.

7.0 Unresolved Matters

None

8.0 Status of Funds

See separate sheet.

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